

James A. Burkush
Chief of Department



City of Manchester
Fire Department
Fire Prevention Bureau

BLASTING WITHIN CITY LIMITS

PERMIT REQUIREMENTS

- A blasting permit shall be required for all blasting projects conducted within the City of Manchester.
- The permit shall be obtained from the Fire Prevention Bureau at least ten (10) business days prior to the start of a blasting project and be valid for one (1) calendar year.
- The blasting contractor shall issue a check in the amount of \$100.00, made payable to the City of Manchester.
- The blasting contractor shall abide by all of the Institute of Makers of Explosives (IME) safety guidelines.
- A copy of the blasting permit, material safety data sheets for all of the blasting product and a pre-blast survey (for all blasting) outlining the scope of work to be performed along with daily reports of the blasting project shall be kept on file with the blasting contractor and made available to the Manchester Fire Department upon request. **The pre-blast survey shall identify all structures within one hundred feet (100') of the blast, unless otherwise specified, and if present shall include the following preventive measures:**
 - Provisions shall be made to notify the owner / resident of each structure set forth in the above criteria of the blasting project and conduct pre-blast survey(s) and install 110 volt, plug in, battery backup, UL listed carbon monoxide detection device(s). Baseline CO readings shall be documented.
 - The blasting contractor shall survey all of the structures and develop a pre-blast survey that identifies all likely or open pathways for potential gas entry into the structures such as: utility entrances, sump pump holes, stone foundations, cracks in basement floors and or dirt floors, etc.
 - Trench blasting shall be limited to twenty linear feet (20') at one time.
 - Trenches shall be excavated down to the bottom of the bedrock immediately after each detonation to relieve potentially harmful toxic gases.
 - **All blasting shall immediately be terminated and the Manchester Fire Department notified should any carbon monoxide detectors register an alarm in the area of the blasting project.**
- The blasting company shall notify the fire department 24 hours prior to the start of the blasting operation and 1 hr. prior to each blast.
- A copy of the blasting company's current liability insurance policy shall be kept on file with the Fire Prevention Bureau.
- A New Hampshire licensed blaster shall be on site controlling all blasting procedures while blasting product is out of the magazine.
- Calibrated seismographs shall be used to monitor vibration levels.

Applicant: _____

Date: _____